

APPENDIX A

ABSTRACT

The invention relates to tiled, positionally-addressable ordered arrays useful for identifying and characterizing genes. In particular, the invention provides for positionally-addressable ordered arrays that can be used in improved, robust methods for detecting genes through the use of the arrays to analyze the expression state of the genome. Using the arrays of the invention, genes which are expressed can be mapped to their respective positions in the genome, and the structure of such genes can be determined.